



PHASE 1 + 5			R			R			R	R				R	R	DW	DW	DW	DW	DW	DW
1 + 5 CHANGE	THE CONTROLLER MAY SKIP TO PHASES 1 + 6 OR 2 + 5 OR 2 + 6																				
PHASE 1 + 6			G	R	R	R			R	R				R	R	DW	DW	DW	DW	DW	DW
1 + 6 CHANGE			G	R	R	R			R	R				R	R	DW	DW	DW	DW	DW	DW
PHASE 2 + 5	R	R	R			G			R	R				R	R	DW	DW	DW	DW	DW	DW
5 CHANGE	R	R	R			G			R	R				R	R	DW	DW	DW	DW	DW	DW
PHASE 2 + 6	G	G	G	G	G	G			R	R				R	R	WK	WK	WK	WK	DW	DW
PED CLEAR	G	G	G	G	G	G			R	R				R	R	FL/DW	FL/DW	FL/DW	FL/DW	DW	DW
2 + 6 CHANGE	Y	Y	Y	Y	Y	Y			R	R				R	R	DW	DW	DW	DW	DW	DW
PHASE 3 + 7	R	R	R	R	R	R			R	R				R	R	DW	DW	DW	DW	DW	DW
3 + 7 CHANGE	R	R	R	R	R	R			R	R				R	R	DW	DW	DW	DW	DW	DW
PHASE 4 + 8	R	R	R	R	R	R			G	G				G	G	DW	DW	DW	DW	DW	DW
4 + 8 CHANGE	R	R	R	R	R	R			Y	Y				Y	Y	DW	DW	DW	DW	WK	DW
PHASE 4 + 8 ALT	R	R	R	R	R	R			G	G				G	G	DW	DW	DW	DW	WK	WK
PED CLEAR	R	R	R	R	R	R			G	G				G	G	DW	DW	DW	DW	FL/DW	FL/DW
4 + 8 ALT CHANGE	R	R	R	R	R	R			Y	Y				Y	Y	DW	DW	DW	DW	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/L	FL/L	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK	DARK	DARK

I. GENERAL

This project involves the removal and replacement of all traffic signal heads on both approaches of MD 97 (Georgia Avenue) and all Pedestrian Signal Heads, to black-faced signal heads. The removal and replacement of existing static left turn signs with fiber optic signs on both approaches of MD 97.

II. INTERSECTION OPERATION

- ### III. SPECIAL NOTES

1. The Contractor shall be responsible for terminating all signal cables, excluding interconnect, to the appropriate terminals and shall properly label each cable.
2. All underground and overhead utilities shown on these plans are schematic only.

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY SHA

ITEM NO.	QUANTITY	DESCRIPTION
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EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR:

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8010	12 EACH	FURNISH AND INSTALL 12 INCH PEDESTRIAN SIGNAL HEAD SECTION (BLACK FACED).
8011	16 EACH	FURNISH AND INSTALL 12 INCH VEHICLE SIGNAL HEAD SECTION (BLACK FACED).
8019	4 EACH	FURNISH AND INSTALL 8 INCH VEHICLE SIGNAL HEAD SECTION (BLACK FACE).
8048	1 EACH	REMOVE AND DISPOSE OF EXISTING EQUIPMENT
8086	350 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
8077	18 S.F.	INSTALL OVERHEAD SIGN.
8091	280 L.F.	FURNISH AND INSTALL STEEL SPAN WIRE $\frac{1}{4}$ INCH DIAMETER.
NEG.	2 EACH	FURNISH AND INSTALL FIBER OPTIC BLANKOUT SIGN "NO LEFT TURN & NO U TURN".

EXISTING OVERHEAD I/C NORTH TO AUGUST DRIVE

PEPCO 787430 8017

EXISTING OVERHEAD I/C SOUTH TO I-495 OFF RAMP

EXISTING OVERHEAD I/C WEST TO MD 391 (SEMINARY ROAD)

PEPCO 787430 7160

PEPCO 787430 6956

WIRING KEY

A } 5-CONDUCTOR ELECTRICAL
B } CABLE (NO. 14 A.W.G.)
C }
D }

E - EXISTING 12-PAIR VOICE C
INTERCONNECT CABLE (OVER)

EL - LOOP WIRE (NO. 14 A.W.G.)
EXISTING

ES - EXISTING OVERHEAD SERVICE

EQUIPMENT LIST "C"

C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7941 CONNELLY DRIVE, HANOVER, MARYLAND 21076.

QUANTITY	DESCRIPTION
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- NOTE: 1. THE CONTRACTOR SHALL NOTIFY THE SHA AT 410-787-7652 AT
LEAST THREE DAYS IN ADVANCE OF DELIVERY
2. ALL EQUIPMENT TO BE REMOVED AND NOT LISTED ABOVE SHALL
BECOME THE PROPERTY OF THE CONTRACTOR



CENTURY ENGINEERING
50 Scott Adam Road
Suite 103
Cockeysville, MD 21030
410-683-1683

REVISION "C"
3954.DGN



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 97 (GEORGIA AVENUE)
 AND
 MD 192 (FOREST GLEN ROAD)

DRAWN BY: J.W. SCHMILZ		F.A.P. NO.: N/A	TS NO. 1930 C GI	SHEET NO. 2 OF 2
CHECKED BY: R. MILSTEAD		S.H.A. NO.: MO619455/BSS		
SCALE: 1" = 20'		COUNTY: MONTGOMERY	T.L.M.S. NO. F336	
DATE: 5/19/72		LOC. MILL: 15009761.61		

0.61